

RE Additional Data Requests

From: B.Bessettehenderson@shell.com
Sent: Thursday, March 04, 2010 3:24 PM
To: Christopher Colville
Cc: Arnoldo.Medina@shell.com; steven.hansen@shell.com; gary.mueller@shell.com
Subject: RE: Additional Data Requests

Attachments: TOL913.doc; D-380.doc; D-381.doc; ACU DOR 2-26-2010.pdf; A318_J21347-6 Std_Tal_L2 Final Report.pdf
[Chris;](#)

[Responses are included in the attached email.](#)

Regards,
Barb

-----Original Message-----

From: Christopher Colville [mailto:ccolville@environcorp.com]
Sent: Wednesday, February 24, 2010 10:57 AM
To: Bessettehenderson, Barbara J SCC-DMG/231
Subject: Additional Data Requests

Barb,

Dan Hoyt has the following additional data requests. I compiled them in this message rather than sending individual messages. Thanks for your continued assistance on this!

Tank A318 measurements on or about 1/14/10

- Description of tank maintenance activity, estimated vapor pressure of cutter stock (MSDS states not available), amount of cutter stock used, flow rates and times for material pumped into and out of Tank A318 and into and out of frac tank. [The cutter stock was being used for final tank detail cleaning. The Cutter Stock MSDS has been provided to you previously. I do not have information concerning the amount of cutter stock used or the flow rates. See attached file for the vapor pressure information.](#)
- Cutter stock and waste material temp? [The temperature was about 140 deg F](#)
- Date and time cutter stock/waste mixture was removed from frac tank.
- [The cutter stock was in the tank over the weekend, and was removed around Monday Jan 18.](#)

TOL 913 measurements

- Seal inspection history/data or records - most recent of each major inspection and most recent annual inspection [See attached files](#)

D381/D380 measurements on 2/12/10 (340 deg wind direction) and 2/13/20 (318 deg wind direction). [The DIAL Study Team was staged at the Parking Lot south of the NET Aeration Basin on 2/13 and not at ACU on 2/13. Therefore the data provided only refers to the conditions associated with 2/12.](#)

- Tank activity, filling, emptying, static? [D380 was filling at an average rate of 0.67 feet per hour. D381 was emptying at an average rate of 3.38 feet per hour.](#)
- Material name, estimated composition, vapor pressure [Benzene Concentrate](#)
- Seal inspection history/data or records - most recent of each major inspection and most recent annual inspection [See attached files](#)

ACU measurements on 2/12/10 (340 deg wind direction) and 2/13/20 (318 deg wind direction)

- Known equipment leaks, awaiting repair or on delay of repair? [See Attached Delay of Repair List](#)

EWT-10 measurements on 1/30/10

- Any estimates for vapor pressure of hydrocarbon layer on top of tank? [About 1 psig, but it varies](#)

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- Any estimates for composition of key species in the hydrocarbon layer, such as benzene? Benzene is possible but not likely. Most of the benzene would be extracted in the NESHAP unit
- Description of skimmer problem and repair date/time. On 1/22/2010 the trough on the top of EWT-10 was not draining as designed (i.e., slower flow rate). In order to access the trough, scaffold was installed The skimmer was shut down on January 24 to begin the repair process of removing the scale from the partially plugged trough During the afternoon on 1/27/2010, the repair was completed, scaffold removed and the skimmer was put back in service.

Thanks,
Chris

Please note new cell number.

Christopher J. Colville, P.E. | Manager

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